

25. (New) The method of claim 23 wherein E2Fa is overexpressed in said plant or plant part.
26. (New) The method of claim 24 wherein E2Fa and DPa are overexpressed in said plant or plant part.
27. (New) A plant cell which overexpresses the product of an *E2Fa* gene.
28. (New) The plant cell of claim 27 which further overexpresses a product of a *DPa* gene.
29. (New) The plant cell of claim 27 wherein the *E2Fa* gene is heterologous to the plant cell.
30. (New) The plant cell of claim 27 wherein the *E2Fa* gene is native to the plant cell.
31. (New) The plant cell of claim 28 selected from the group consisting of a plant cell which overexpresses the products of a native *E2Fa* gene and a native *DPa* gene, a plant cell which expresses the products of a heterologous *E2Fa* gene and a heterologous *DPa* gene, a plant cell which expresses the product of a heterologous *E2Fa* gene and which overexpresses the product of a native *DPa* gene, and a plant cell which overexpresses the product of a native *E2Fa* gene and which expresses the product of a heterologous *DPa* gene.
32. (New) A plant or part thereof comprising plant cells according to any of Claims 27-31.
33. (New) The plant or part thereof according to Claim 32 which exhibits modulated endoreduplication.
34. (New) Progeny of the plant of claim 32.
35. (New) Progeny of the plant of claim 33.
36. (New) Plant material obtained from the plant of claim 32.